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07247213    \*\*Image available\*\*  
ROTARY SHAFT SUPPORT STRUCTURE OF FLUID MACHINERY

PUB. NO.:        2002-115667 [JP 2002115667 A]  
PUBLISHED:      April 19, 2002 (20020419)  
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APPL. NO.:      2000-311853 [JP 2000311853]  
FILED:          October 12, 2000 (20001012)  
INTL CLASS:     F04B-053/00; F04C-025/02; F04C-029/00; F16C-035/073;  
                 F16J-015/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To prolong service life of a **lip** seal arranged in parallel with a bearing without shortening service life of the bearing in fluid machinery.

SOLUTION: Rubber **lip** seals 45, 46 are arranged in protruding end parts 192, 202 of rotary **shafts** 19, 20 protruding in a gear storage chamber 331 by passing through a rear housing 14. The **lip** seals 45, 46 come into slide-contact with peripheral **faces** of the rotary **shafts** 19, 20 to bring sealing action. **Radial** bearings 37A, 37B are attached to the protruding end part 192 through a serial base 47. **Radial** bearings 38A, 38B are attached to the protruding end part 202 through a serial base 48.

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